Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 19 Oct 2021 until 23:59 on Wednesday 20 Oct 2021

Forecast Issued on Tuesday 19 Oct 2021 at 03:48

Confidence: High for unsettled conditions through the next couple of days, then a change to much colder, brighter weather for Thursday and Friday.

Headline for Tuesday 19 Oct 2021: Wet and windy with extensive low cloud.

Mountain weather hazards on Tuesday 19 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
30%	70%	90%	90%	90%	60%

Forecast for Tuesday 19 Oct 2021

Weather: Early rain will become more persistent during the morning. This then becoming heavy at times especially by the afternoon and early evening. Very wet conditions with strong winds on the tops. Rain turning light and patchy during the late evening.

Chance of cloud free mountain/hill tops above 600m: 30% overnight, becoming less than 10% in morning.

Visibility: Extensive low cloud with very poor visibility above 300 or 400m, even to lower slopes at times in the west. Very hazy below the cloud base.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 19 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 S	16/21 S	22/32 SW	24/36 SW	24/36 SW	22/34 SW	22/34 SW
300	4/12 S	6/17 S	14/30 SW	15/32 SW	15/31 SW	15/30 SW	15/31 SW
Valley	2/7 SE	4/11 E	12/28 SW	13/29 SW	14/29 SW	13/27 SW	13/26 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	13/9	14/10	13/9	12/8	10/6
300	12/12	13/12	15/12	15/13	14/12	14/11	12/9
Valley	13/13	14/13	16/14	16/14	15/13	14/12	13/11
Freezing Level*	3200m	3400m	3200m	3200m	2900m	2500m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult walking and navigation conditions on high ground with spells of heavy rain, very poor visibility and strong winds. Gusts of 45mph on the tops and high moors in the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 19 Oct 2021	5mm	16mm	18mm

Forecast for Wednesday 20 Oct 2021

Weather: Rain dying out overnight leaving clear spells. A largely cloudy day with showery rain on and off, occasionally heavy but not as persistent as on Tuesday. Perhaps a little brightness coming through at times.

Maximum wind: West or Southwest 20-25mph, gusting 35mph, easing to 15mph in evening.

Chance of cloud free mountain/hill tops above 600m: 30 to 50%.

Visibility: Occasionally poor on the tops with cloud lowering to 600 or 700m at times but some clearer spells between showers. Mainly good air clarity away from low cloud.

Temperature: **Valleys:** Plus 13 or 14 Celsius, falling to 8 Celsius in evening.
At 600m: Plus 10 Celsius overnight, falling to Plus 8 Celsius in morning, then Plus 4 Celsius after dark.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.